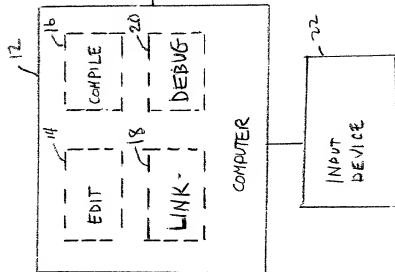


10 →



```
#include <string.h>
#include <stdio.h>

// Here are some definitions used to select sections of code
// with pre-processor directives:
#define USE_CODE_SECTION_1 1
#define USE_CODE_SECTION_2 1
#define USE_CODE_SECTION_3 0

main()
{
    char buf[] = "Original string";

    #if USE_CODE_SECTION_1
    #if USE_CODE_SECTION_2
    strcpy(buf, "String 1");
    #else // don't use code section 2
    strcpy(buf, "String 2");
    #endif // USE_CODE_SECTION_2
    #else // don't use code section 1
    #if USE_CODE_SECTION_3
    strcpy(buf, "String 3");
    #else // don't use code section 3
    // in this case leave the original string intact
    #endif // USE_CODE_SECTION_3
    #endif // USE_CODE_SECTION_1
}
```

24

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FIG. 1

```

    29 31 28
#include <string.h>
#include <stdio.h>

// Here are some definitions used to select sections of code
// with pre-processor directives:
33 #define USE_CODE_SECTION_1 1
    28 #define USE_CODE_SECTION_2 1
    30 #define USE_CODE_SECTION_3 0

34 main() 32
{
    char buf[] = "Original string";

    28
    #if USE_CODE_SECTION_1
    #if USE_CODE_SECTION_2
    strcpy(buf, "String 1");
    #else // don't use code section 2
    strcpy(buf, "String 2");
    #endif // USE_CODE_SECTION_2
    #else // don't use code section 1
    #if USE_CODE_SECTION_3
    strcpy(buf, "String 3");
    #else // don't use code section 3
    // in this case leave the original string intact
    #endif // USE_CODE_SECTION_3
    #endif // USE_CODE_SECTION_1
}

```

FIG. 2

```

#include <string.h>
#include <stdio.h>

// Here are some definitions used to select sections of code
// with pre-processor directives:
38 #define USE_CODE_SECTION_1 1
    30 #define USE_CODE_SECTION_2 1
    #define USE_CODE_SECTION_3 0

main()
{
    char buf[] = "Original string";

    36 #if USE_CODE_SECTION_1
    #if USE_CODE_SECTION_2
    strcpy(buf, "String 1");
    #else // don't use code section 2
    strcpy(buf, "String 2");
    #endif // USE_CODE_SECTION_2
    #else // don't use code section 1
    40 #if USE_CODE_SECTION_3
    strcpy(buf, "String 3");
    #else // don't use code section 3
    42 // in this case leave the original string intact
    #endif // USE_CODE_SECTION_3
    #endif // USE_CODE_SECTION_1
}

```

FIG. 3

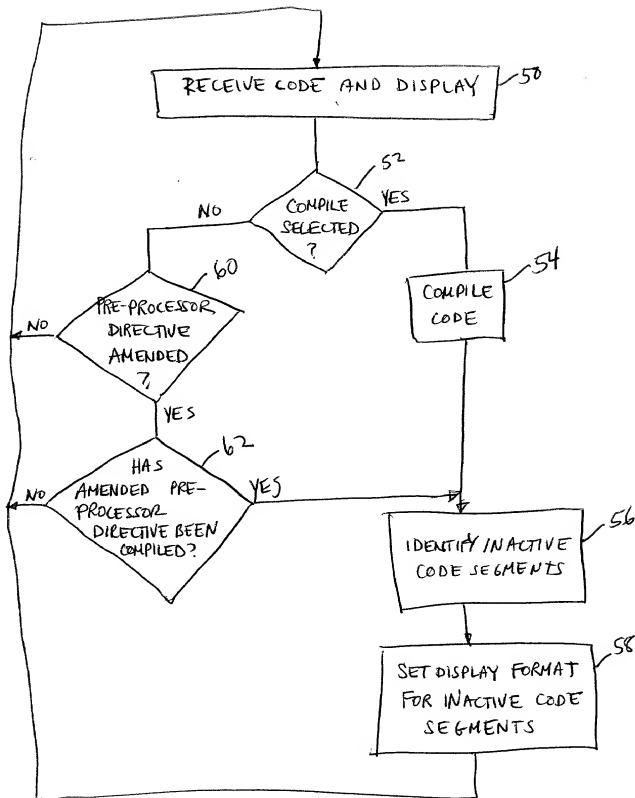


FIG. 4